## **Listing of Claims**

## This listing of claims replaces all prior listings of claims.

1. (currently amended) An optical filter for viewing an object, <u>comprising an optically aborptive lens</u> the filter having a spectral transmittance that includes an object-contrast spectral window and a background spectral window.

## 2. (canceled)

- 3. (currently amended) The filter of claim 1, wherein the background spectral window is a wavelength range from about 540 nm 620 nm to about 560 nm 700 nm.
- 4. (currently amended) The filter of claim 1, wherein the object-contrast background spectral window is a wavelength range of from about 530 nm to about 570 nm 420 nm to 520 nm.
- 5. (original) The filter of claim 1, wherein the background window corresponds to at least a portion of a spectral reflectance of vegetation.
- 6. (original) The filter of claim 1, wherein the object-contrast window corresponds to a wavelength-conversion spectrum of light produced by the object.
- 7. (original) The filter of claim 6, wherein the background spectral window is a wavelength range of from about 530 nm to about 570 nm.
  - 8. (orginal) The filter of claim 7, wherein the filter includes a spectral-width window.
- 9. (original) The filter of claim 7, wherein the spectral-width window includes wavelengths greater than about 610 nm.



- 10. (currently amended) An optical filter <u>comprising an optically absorptive</u> lens having a first spectral window selected to preferentially transmit light from an object and a second spectral window selected to preferentially transmit light from a background.
- 11. (original) The optical filter of claim 10, wherein the first spectral window is selected to transmit wavelength-converted light from the object.
- 12. (original) The optical filter of claim 10, wherein the first spectral window is selected to transmit light reflected by the object.
- 13. (currently amended) Eyewear for viewing of an object with respect to a background, comprising:

a frame; and

at least one <u>optically absorptive</u> lens configured to be placed with respect to a wearer's eyes so that the wearer looks through the lens, the lens defining a spectral transmittance having an object-contrast spectral window and a background spectral window.

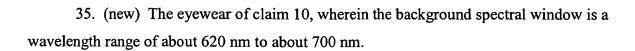
- 14. (original) The eyewear of claim 10, wherein the background spectral window corresponds to a wavelength range in which the background is reflective.
- 15. (original) The eyewear of claim 10, wherein the background spectral window corresponds to a reflectance spectrum of vegetation.
- 16. (original) The eyewear of claim 10, wherein the object-contrast window corresponds to a spectrum of wavelength-converted light produced by the object.
- 17. (original) The eyewear of claim 10, wherein the lens defines a spectral-width window.

18-20. (canceled)

- 21. (currently amended) Activity-specific eyewear, comprising:
- a lens having a spectral transmittance that includes a background spectral window that transmits visible radiation at wavelengths greater than about 620 nm and an object-contrast spectral window; and
- a frame configured to retain and situate the lens so that a wearer views through the lens with the eyewear as worn.
- 22. (original) The eyewear of claim 21, wherein the lens is a unitary lens and is situated by the frame so that a wearer views through the lens with both eyes with the eyewear as worn.
- 23. (original) The eyewear of claim 21, wherein the object-contrast spectral window corresponds to a spectrum of wavelength-converted light produced by a golf ball.
- 24. (original) The eyewear of claim 21, wherein the object-contrast spectral window corresponds to a spectrum of light received from an activity-specific object.

## 25-33. (canceled)

34. (new) The eyewear of claim 10, wherein the object-contrast window is a wavelength range of about 420 nm to about 520 nm.



36. (new) The eyewear of claim 21, wherein the object-contrast spectral window is a wavelength range of from about 420 nm to about 520 nm.